

Title (en)
PACK-OFF TOOL

Title (de)
Abdichtwerkzeug

Title (fr)
DISPOSITIF D'ETANCHEITE DE SONDAGE

Publication
EP 0599964 B1 19990414 (EN)

Application
EP 92918167 A 19920827

Priority

- GB 9118693 A 19910831
- GB 9201568 W 19920827
- GB 9207321 A 19920403

Abstract (en)
[origin: WO9305267A2] A pack-off tool comprises a main tubular body including an expandable sealing element (11) located between two non-expandable ring members (16) and being mounted on a mandrel (25) and in sealing engagement therewith at axially spaced locations (22). The tubular body is axially compressible into a radially extended configuration for sealing engagement with a bore wall (26). A communicating bore (23) extends through the body between the sealing locations (22). In use, a high pressure (30) on one side of the tool pushes between the high pressure side of the tubular body and the bore wall (26), through the communicating bore (23) and into a space (32) between the tubular body and the mandrel (25), and tends to push the other, lower pressure side of the body outwardly into tighter sealing engagement with the bore wall (26).

IPC 1-7
E21B 33/128; **E21B 33/127**; **E21B 33/12**; **F16L 55/12**

IPC 8 full level
E21B 33/12 (2006.01); **E21B 33/127** (2006.01); **E21B 33/128** (2006.01)

CPC (source: EP US)
E21B 33/12 (2013.01 - EP US); **E21B 33/127** (2013.01 - EP US); **E21B 33/128** (2013.01 - EP US)

Citation (examination)

- US 2998148 A 19610829 - HIMEL JR EDMOND E
- US 4441561 A 19840410 - GARMONG VICTOR H [US]
- US 3578078 A 19710511 - SHILLANDER HAROLD E

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CN111827919A

Designated contracting state (EPC)
DE DK FR GB NL

DOCDB simple family (publication)
WO 9305267 A2 19930318; **WO 9305267 A3 19930415**; AU 2479792 A 19930405; DE 69228936 D1 19990520; DE 69228936 T2 19991028; DK 0599964 T3 19991025; EP 0599964 A1 19940608; EP 0599964 B1 19990414; US 5467822 A 19951121

DOCDB simple family (application)
GB 9201568 W 19920827; AU 2479792 A 19920827; DE 69228936 T 19920827; DK 92918167 T 19920827; EP 92918167 A 19920827; US 19923694 A 19940228